

ABSTRACT OF THE DISCLOSURE

A system, method and computer program that enables an application designer to automate the process of development of user interfaces (UIs). The designer develops UIs by modeling. The process of development of UI applications by modeling does not require any coding. The modeling activity is accomplished by using the visual modeling environment, which among other tools comprises a set of pre-built reusable components. Each component represents a dimension of functionality that is commonly required in UI applications. The designer specifies application-specific context for the components. Components when provided with application specific context become tasks. The tasks are then connected together in a logical order to develop an application. The applications thus developed are then visually verified. These applications are then executed by an Engine.